

NOV 23 1993

Winston-Salem
Regional Office

October 19, 1993

Tank Closure Report
Oak Summit Farms
5480 Germanton Road
Winston-Salem, North Carolina
Facility I.D. No. 0-015162

Triad Environmental Consultants, Inc.
Job Number 099379

Prepared for:

Mr. Lewis S. Graham
5480 Germanton Road
Winston-Salem, North Carolina 27105

Prepared By:

Dan M. Groome
Triad Environmental Consultants, Inc.
3519 Clemmons Road
Clemmons, North Carolina 27012

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	SOIL SAMPLING	1
3.0	LABORATORY ANALYSES	2
4.0	CONCLUSIONS	3

FIGURES

FIGURE 1 - NORTH CAROLINA DEPARTMENT OF TRANSPORTATION MAP OF FORSYTH COUNTY SHOWING SITE AREA

FIGURE 2 - SITE PLAN AND SOIL SAMPLE LOCATIONS

APPENDICES

APPENDIX I - TANK DISPOSAL CERTIFICATES

APPENDIX II - GW/UST-2 FORM (SITE INVESTIGATION REPORT FOR PERMANENT CLOSURE OR CHANGE IN SERVICE)

APPENDIX III - TRIAD ENVIRONMENTAL CONSULTANTS, INC. STANDARD EQUIPMENT DECONTAMINATION AND SAMPLE HANDLING PROCEDURES

APPENDIX IV - LABORATORY RESULTS REPORT AND ASSOCIATED CHAIN OF CUSTODY RECORD

1.0 INTRODUCTION

On October 7, 1993, Triad Environmental Consultants, Inc. provided soil sampling services subsequent to underground storage tank (UST) removal at the referenced subject site. Figure 1 is a road map showing the site location. Prior to removal, the USTs were inerted with dry ice and monitored with an explosimeter. The USTs were transported to Safeway Tank Disposal after removal. Tank disposal documentation is included as Appendix I. A completed GW/UST-2 form is included as Appendix II. Table 1 summarizes information pertaining to the USTs.

Table 1

UST Data
Oak Summit Farms
5480 Germanton Road
Winston-Salem, North Carolina

Tank I.D. No.	Capacity (Gallons)	Dimensions (Ft.)	Depth to Tank Top (Ft.)	Type of Product
1	10,000	8 Dia x 26 L	2	Diesel Fuel
2	10,000	10.5 Dia x 18 L	3	Gasoline
3	270	3 Dia x 4 L	1	Waste Oil

2.0 SOIL SAMPLING AND OVA EVALUATION

Upon excavation, observations did not indicate any evidence of product leakage. A total of six (6) soil samples were obtained from hand auger borings performed beneath the former locations of the USTs as shown on Figure 2. The sampling was

performed in accordance with Triad Environmental Consultants, Inc.'s standard equipment decontamination procedures as included in Appendix III. The samples were analyzed with an Organic Vapor Analyzer (OVA) and all of the analyses indicated no detection of organic vapors. Table 2 lists soil sample information.

Table 2

Soil Sample Information
Oak Summit Farms
5480 Germanton Road
Winston-Salem, North Carolina

Soil Sample I.D.	Sample Depth (Ft.)	OVA Reading
HA-1-10	10	ND*
HA-2-10	10	ND
HA-3-10	10	ND
HA-4-16	16	ND
HA-5-16	16	ND
HA-6-4	4	ND

* ND - No Detection

3.0 LABORATORY ANALYSES

The soil samples were submitted to a subcontract laboratory for analysis. The samples from the gasoline and diesel fuel USTs were analyzed by EPA Methods 3550 (TPH-DR) and 5030 (TPH-GR). The soil sample from the waste oil UST area was analyzed by EPA Method 9071 (Oil and Grease). Copies of the laboratory report and the associated chain of custody record are included as

Appendix IV. The results of laboratory analyses indicated that no detectable quantities of petroleum hydrocarbons were present.

4.0 CONCLUSIONS

The laboratory analysis indicate that no further remedial action should be required in the areas where the USTs were previously installed.

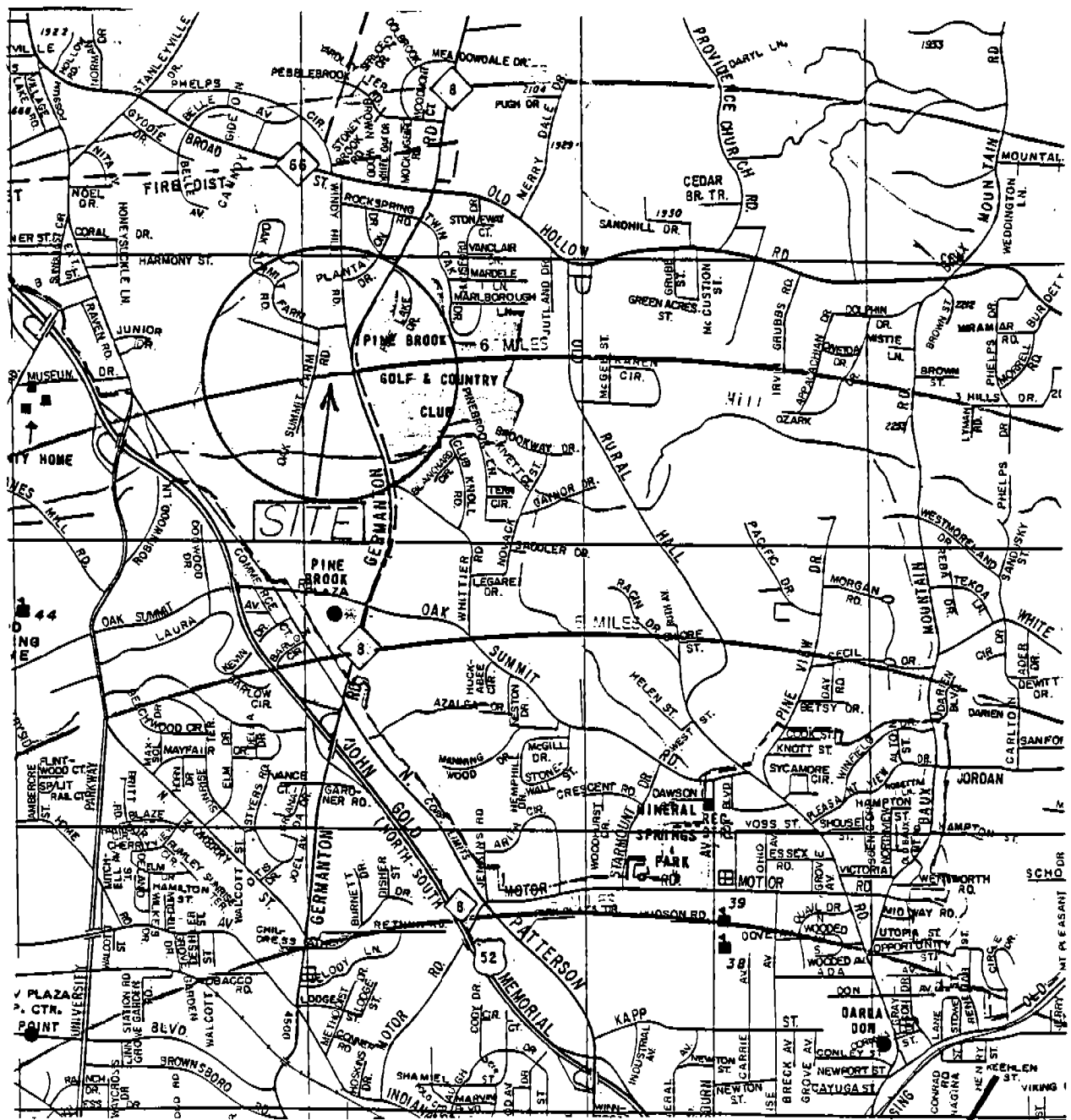
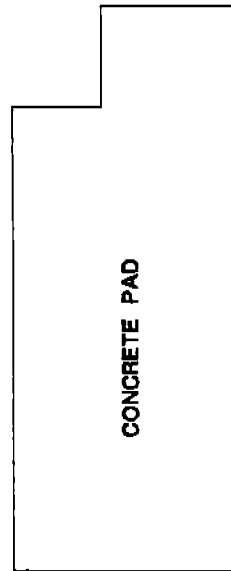
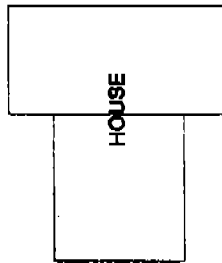


FIGURE 1 - SITE LOCATION

T WAO
E ENVIRONMENTAL
CONSULTANTS, INC.
AND ASSOCIATES

5816 CLEMENS ROAD
CLEMENS, NC 27009
TELEPHONE AND FAX
(818) 758-0210

OAK SUMMIT FARM
5480 GERMANTON ROAD
WINSTON-SALEM, NC



HA-6-4.0

UST #3

WASTE OIL



DISPENSERS

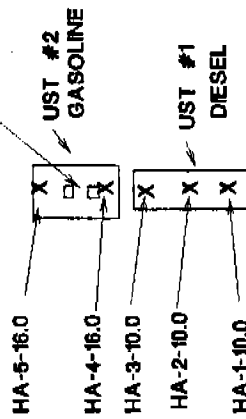
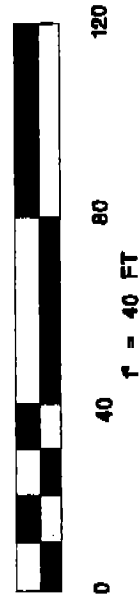


FIGURE 2 - SITE PLAN AND SOIL SAMPLE LOCATIONS



OAKSUMMIT
 3519 Clemmons Road
 Clemmons, N.C. 27012
 Telephone & Fax
 (919) 766-0610

Triad
 Environmental
 Consultants
 and Associates

OAK SUMMIT FARM
 5480 GERMANTON ROAD
 WINSTON-SALEM, NC

DATE 10-12-93

DRAWN BY: DMG

page 1 of 1

RECEIVED
10-28-93

Date Oct.27,1993

Transported by: L & M

TANK #	SIZE	WEIGHT	PRODUCT	RESIDUE	ORIGIN
7727	10,000	8335#	Gas.	43 gals	Oak Summit Farms
7728	10,000	7550#	Gas.	66 gals	Winston Salem, N.C.
7733	250	210#	W. Oil	25 gals	
Total residue				134 gal	

United Metal Recyclers on 10/14/15/93

3. Brandy

(GW/UST-2) Site Investigation Report For Permanent Closure or Change-in-Service of U.S.T.**FOR
TANKS
IN
NC****Return Completed Form To:**The appropriate DEM Regional Office according to the county of the facility's location.
[SEE MAP ON REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL
OFFICE ADDRESS].**State Use Only**

I.D. Number _____

Date Received _____

INSTRUCTIONS:

Complete and return within (30) days following completion of site investigation.

I. Ownership of Tank(s):

Oak Summit Farm
Owner Name (Corporation, Individual, Public Agency, or Other Entity)
5480 Germanton Rd.
Street Address
Forsyth
County
Winston-Salem, NC 27105
City State Zip Code
(919) 767-2874
Area Code Telephone Number

II. Location of Tank(s):

Oak Summit Farm
Facility Name or Company
0-015162
Facility ID # (if available)
5480 Germanton Rd.
Street Address or State Road
Forsyth Winston-Salem, NC 27105
County City Zip Code
Area Code Telephone Number

III. Contact Person:

Mr. Lewis S. Graham Owner/President 919-767-2874
Name Job Title Telephone No. (Area Code)
Closure Contractor Triad Env. Cons. 3519 Clemmons Rd. Clemmons, NC 27012 919-766-0810
(Name) (Address) Telephone No. (Area Code)
Lab Prism Laboratories, Inc. 449 Springbrook Rd. Charlotte, NC 28221 704-529-6364
(Name) (Address) Telephone No. (Area Code)

IV. U.S.T. Information:**V. Excavation Condition:****VI. Additional Information Required:**

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water in Excavation		Free Product		Notable Odor or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
1	10,000	8'x26'	Diesel Fuel		X		X		X
	10,000	10.5x18'	Gasoline		X		X		X
3	270	3'x4'	Waste Oil		X		X		X

See reverse side of pink copy (owner's copy) for additional information required by N.C. - DEM in the written report and sketch.

VII. Check List:

Check the activities completed.

- ☒ Contact local fire marshal
☒ Notify DEM Regional Office before abandonment
☒ Drain & flush piping into tank.
☒ Remove all product and residuals from tank
☒ Excavate down to tank.
☒ Clean and inspect tank.
☒ Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures.
☒ Cap or plug all lines except the vent and fill lines.
☒ Purge tank of all product & flammable vapors.
☐ Cut one or more large holes in the tanks.
☒ Backfill the area.
Date Tank(s) Permanently closed: 10/7/93
Date of Change-in-Service: _____

- ABANDONMENT IN PLACE**
☐ Fill tank until material overflows tank opening;
☐ Plug or cap all openings;
☐ Disconnect and cap or remove vent line
☐ Solid inert material used - specify: _____

- REMOVAL**
☐ Create vent hole
☒ Label tank
☒ Dispose of tank in approved manner
Final tank destination: Safeway Tank Disposal
Colfax, NC

VIII. Certification (Read and Sign):

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Print name and official title of owner or owner's authorized representative

Signature

Date Signed

TRIAD ENVIRONMENTAL CONSULTANTS, INC.

STANDARD DECONTAMINATION AND SAMPLE HANDLING PROCEDURES

EQUIPMENT DECONTAMINATION, SOIL SAMPLE COLLECTION AND FIELD EVALUATION PROCEDURES

Soil samples for this project were collected using hand augers equipped with stainless steel buckets. The hand augers were advanced into the native soil at each sampling location. Each boring location was chosen by Triad Environmental Consultants personnel. The hand augers (the auger bucket and a portion of the lower auger extension) were decontaminated prior to and between each use by the following procedure: A soap and water wash, a tap water rinse, a methanol alcohol rinse and a final rinse with deionized water.

Triad Environmental Consultants personnel wore new, disposable latex gloves during each transfer of soil from the hand auger bucket to the sample containers. Upon collection, each sample was tightly packed into a new, laboratory supplied, 120 milliliter glass jar and securely sealed with a Teflon lined cap, labeled and stored in a chilled cooler.

SOIL SAMPLE HANDLING PROCEDURES

To preserve any volatile organic compounds that may be present in soil samples, the samples are handled in the following manner: Immediately after collection, a label is affixed to each sample container. The sample identification number is then noted on the label along with the sampler's name, the time and date of sample collection and type of analysis requested. The samples are then stored in a chilled cooler with frozen reusable ice packs or slush ice for transport to the subcontract laboratory. If transport to laboratory is not immediate, the samples are stored under refrigeration at Triad Environmental Consultants' offices until shipment to the subcontract laboratory can be arranged. The samples are shipped to the laboratory in a chilled cooler to preserve sample integrity. A Chain of Custody record is kept to document sample handling from time of collection until delivery to the laboratory.

Lab Report



NC WW Cert. #402 NC DW Cert. #37735
SC Lab ID 42002-Organics Certification
SC WW Cert. #99012

Full Service Analytical & Environmental Solutions

October 22, 1993

Triad Environmental
Attn: Mr. Dan M. Groome
3519 Clemmons Road
Clemmons, NC 27012
Ref: Oak Summit Farm Job# 099379

Dear Mr. Groome:

Below are results of analysis of 6 samples received for examination on October 8, 1993:

Customer Code: TRIAD Phone Number: (919)766-0810 (fax) 766-0810
LAB I.D. AA17433 Prism ID Number 3001A6 Prism Customer Number 6671
Collection Date: 10/07/93 Collection Time: 13:30
Submittal Date: 10/08/93 Submittal Time: 10:50
Customer Sample I.D#: HA-1-10

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
CALCULATIONS BASED ON DRY WEIGHT		done	
TPH - GASOLINE RANGE	mg/kg	< 1.0	1.0
PREP. METHOD 3550		done	
TPH - DIESEL RANGE	mg/kg	< 10	10

Comments:

Written results by 10-18-93.

Customer Code: TRIAD Phone Number: (919)766-0810 (fax) 766-0810
LAB I.D. AA17434 Prism ID Number 3001A6 Prism Customer Number 6671
Collection Date: 10/07/93 Collection Time: 13:40
Submittal Date: 10/08/93 Submittal Time: 10:50
Customer Sample I.D#: HA-2-10

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
CALCULATIONS BASED ON DRY WEIGHT		done	
TPH - GASOLINE RANGE	mg/kg	< 1.0	1.0
PREP. METHOD 3550		done	
TPH - DIESEL RANGE	mg/kg	< 10	10

Lab Report



Triad Environmental
Page: 2
October 22, 1993

Full Service Analytical & Environmental Solutions

Comments:
Written results by 10-18-93.

Customer Code: TRIAD Phone Number: (919)766-0810 (fax) 766-0810
LAB I.D. AA17435 Prism ID Number 3001A6 Prism Customer Number 6671
Collection Date: 10/07/93 Collection Time: 13:45
Submittal Date: 10/08/93 Submittal Time: 10:50
Customer Sample I.D#: HA-3-10

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT

CALCULATIONS BASED ON DRY WEIGHT		done	
TPH - GASOLINE RANGE	mg/kg	done	
		< 1.0	1.0
PREP. METHOD 3550		done	
TPH - DIESEL RANGE	mg/kg	< 10	10

Comments:
Written results by 10-18-93.

Customer Code: TRIAD Phone Number: (919)766-0810 (fax) 766-0810
LAB I.D. AA17436 Prism ID Number 3001A6 Prism Customer Number 6671
Collection Date: 10/07/93 Collection Time: 14:45
Submittal Date: 10/08/93 Submittal Time: 10:50
Customer Sample I.D#: HA-4-16

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT

CALCULATIONS BASED ON DRY WEIGHT		done	
TPH - GASOLINE RANGE	mg/kg	done	
		< 1.0	1.0
PREP. METHOD 3550		done	
TPH - DIESEL RANGE	mg/kg	< 10	10

Comments:
Written results by 10-18-93.

Customer Code: TRIAD Phone Number: (919)766-0810 (fax) 766-0810
LAB I.D. AA17437 Prism ID Number 3001A6 Prism Customer Number 6671
Collection Date: 10/07/93 Collection Time: 14:50
Submittal Date: 10/08/93 Submittal Time: 10:50
Customer Sample I.D#: HA-5-16

Lab Report



Triad Environmental
Page: 3
October 22, 1993

Full Service Analytical & Environmental Solutions

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
CALCULATIONS BASED ON DRY WEIGHT		done	
TPH - GASOLINE RANGE	mg/kg	done < 1.0	1.0
PREP. METHOD 3550		done	
TPH - DIESEL RANGE	mg/kg	< 10	10

Comments:

Written results by 10-18-93.

Customer Code: TRIAD Phone Number: (919)766-0810 (fax) 766-0810
LAB I.D. AA17438 Prism ID Number 3001A6 Prism Customer Number 6671
Collection Date: 10/07/93 Collection Time: 16:20
Submittal Date: 10/08/93 Submittal Time: 10:50
Customer Sample I.D#: HA-6-4

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
CALCULATIONS BASED ON DRY WEIGHT		done	
TPH - WASTE OIL RANGE - 9071	mg/kg	done < 10	10

Comments:

Written results by 10-18-93.

Please advise should you have questions concerning these data.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "A. Overcash", is written over a horizontal line.

Angela D. Overcash
Laboratory Manager

Chain of Custody Record

3519 Clemmons Road
Clemmons, NC 27012
Telephone & FAX
(919) 766-0810

TRIUMPH ENVIRONMENTAL
CONSULTANTS, INC.
AND ASSOCIATES

Page 1 of 1

PROJECT		ANALYSES		NO. OF CONTAINERS		REMARKS		SAM ID NO. (for lab use only)	
FIELD SAMPLE I.D.	SAMPLE MATRIX	DATE/TIME	TPH-CR	TPH-DR	TPH-OR	TPH-OR	TPH-OR	TPH-OR	TPH-OR
HA-1-10	Soil	10-7-93/1330	X	X	X	X	X	X	17433
HA-2-10	"	10-7-93/1340	X	X	X	X	X	X	17434
HA-3-10	"	10-7-93/1345	X	X	X	X	X	X	17435
HA-4-16	"	10-7-93/1445	X	X	X	X	X	X	17436
HA-5-16	"	10-7-93/1450	X	X	X	X	X	X	17437
HA-6-4	"	10-7-93/1620	X	X	X	X	X	X	17438
REMARKS									
RECEIVED BY: Kelly-J. Lane DATE: 10/7/93 TIME: 16:30									
RELINQUISHED BY: Kelly-J. Lane DATE: 10/7/93 TIME: 16:30									
RECEIVED BY: James Valley DATE: 10/7/93 TIME: 16:30									
RELINQUISHED BY: James Valley DATE: 10/7/93 TIME: 16:30									
RECEIVED FOR LABORATORY BY: Meredith Bonham DATE: 10/7/93 TIME: 16:30									
RELINQUISHED BY: Meredith Bonham DATE: 10/7/93 TIME: 16:30									